

Autumn Term



Year 2



Maths



The children will be learning about:

- Counting forwards & backwards within 100
Using a 100 square
- Place value of numbers within 100
- Partitioning numbers
- Ordering and comparing numbers
- Writing numbers to 100 in words
- Counting in multiples of 2, 3, 5 and 10
- Number bonds to 10, 20 and 100
- Addition
- Subtraction
- Addition of 3 numbers
- Missing number problems
- Naming and describing 2D and 3D shapes
- Finding lines of symmetry

School Values

- Collaboration
- Respect



Homework

Every week children are expected to read at least 3 times.
Other homework will be given on a Friday and needs to be handed in on a Thursday.

Science



The children will: Know that science is a way to understand our world by thinking about it and testing our predictions with observations and experiments.

They will study and answer key questions:

What materials can be used to make a good ... e.g., boat?

- Know that objects are made from materials such as wood, plastic, glass, metal etc
- Know the properties of materials
- Use the correct scientific vocabulary
- Know that applying forces to objects can change their shape e.g., by squeezing, stretching, bending and twisting
- Test the suitability of materials
- Find out about engineer Charles Mackintosh

Is everything on Earth alive?

- Know that dandelions, rose bushes, grass, ash trees, birch trees and conifers trees are examples of plants
- Name the different animal groups, their features and give examples
- Know that herbivorous animals eat plants; a carnivorous animal eats other animals; omnivorous animals eat both animals and plants
- Know the features of living things
- Know the difference between things that are living, that are dead and that have never been alive
- Find out about zoologist Jane Goodall

English



The children will be learning about:

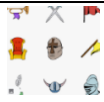
- Phonics - recap of all phases
- Story - *The Jolly Postman*
- Performing, role playing, listening to traditional tales and new stories
- Story writing - including using story language and writing narratives
- Different non-fiction genres - Instructions, Information page, Letter Writing and Poetry
- Understanding the features of each genre and writing their own example

Spelling, Punctuation and Grammar:

- Types of sentences (statements, questions, exclamations and commands)
- Parts of speech - nouns (proper and common), adjectives, verbs, adverbs (of time)
- Expanded noun phrases
- Punctuation - question marks, exclamation marks, commas (for lists and descriptions)
- Tense - past and present
- Suffix - adding -ed
- Subordination - using 'when, if, that, because'
- Spell numbers to 100
- Spell common exception words
- Spell the days of the week

Reading:

- Children will read and be read to daily
- They will read accurately with fluency and expression
- New vocabulary will be discussed
- Children will infer meaning and answer questions
- Children will read, perform and listen to a range of poems every week



History

Key question:

How was school different in the past?

- Correctly order and date four photographs on a timeline
- Ask a visitor some questions about schools in the past
- Use sources to research and develop an understanding of what schools were like 100 years ago
- Identify three features of a classroom now and a classroom from 100 years ago
- Recognise similarities and differences between schools now and schools in the past
- Write an information page
- State whether they would have preferred to go to school in the past or not and explain why

Religious Education

- Sikhism - special objects, symbols and places. Understanding what happens in a Gurdwara - visit to a Gurdwara. Sikh values, Guru Nanak and moral of stories,
- Islam - 5 pillars of Islam. Special objects, symbols and places. Virtual tour of a mosque. Celebrations, stories and their teachings.



Design and Technology

- Explore stability and methods to strengthen structures. Children will make a chair for Baby Bear (during a workshop), test their design and evaluate it. They will identify any weaknesses so they can develop an improved solution for him to use.



British Values



- Individual liberty
- Democracy
- Mutual respect and tolerance of those with different faiths and beliefs
- Rule of law

Special events/visitors/trips

- Cinema experience
- History visitor
- Black History month
- National poetry day
- Trip to Gurdwara
- Book Fair
- Diwali
- Harvest festival and visitor
- Reading workshop
- Remembrance Day
- Children in Need
- Anti-Bullying Week
- D&T workshop
- Christmas disco
- Christmas Fair
- Christmas celebration with parents



Computing

- Algorithms - predictions, logical reasoning
- Coding - writing a simple program & debugging
- E Safety - personal information and passwords
- Research - linked to science
- Pictograms - linked to maths



Geography



Key question: Would you prefer to live in a hot or a cold place?

- Name and locate the seven continents on a world map
- Locate the North and the South Poles on a world map
- Locate the Equator on a world map
- Recognise the features of hot and cold places
- Locate some countries with hot or cold climates on a world map
- Describe some similarities and differences between hot and cold places

PE

- Fundamental skills - run, jump, hop, skip speed, agility, dodge, balance, safety
- Ball skills - roll, track, dribble with feet, kick, throw, catch, dribble with hands
- Dance - actions, dynamics, space, relationships



Music

- Exploring beats and rhythm
- Perform using an ocarina
- Genre of the week



Art - Map it out

Responding to a design brief, children learn three techniques for working creatively with materials and at the end of the project, evaluate their design ideas. Children will explore clay, making pinch pots to sell for Diwali.

